

● **BLAUPUNKT**

AUTORADIO

Brighton MP34

7 644 190 310

Dresden MP34

7 644 193 310

Milano MP34

7 644 192 310

Santa Cruz MP34

7 644 178 310

Valencia MP34

7 644 195 310

Alicante CD34

7 644 172 310

Freiburg CD34

7 644 194 310

Porto CD34

7 644 191 310

San Remo CD34

7 644 176 310

Fiat Panda MP3

7 644 174 310

8 622 404 080 BN-ST 06/04

Schaltbild • Circuit diagram

**CLASS 1
LASER PRODUCT**



**UNSICHTBARE LASERSTRAHLUNG
NICHT DEM STRAHL AUSSETZEN**

(D) VORSICHT!

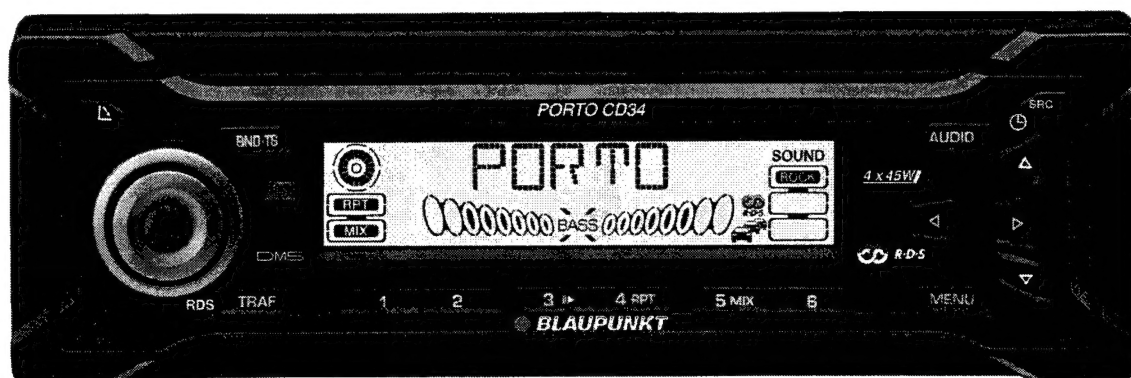
**Die Geräte beinhalten eine Laserkomponente!
Im Servicefall bitte nachfolgende Hinweise
beachten:**

- Das Gerät arbeitet mit unsichtbarem Laserstrahl.
- Bei geöffnetem Gerät tritt im Bereich des Plattenfaches Laserstrahlung aus.
- Nicht in den Strahl blicken.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.
- Der Betrachtungsabstand darf 13 cm nicht unterschreiten.
- Kann dies nicht eingehalten werden, muß eine geeignete Laserschutzbrille getragen werden.

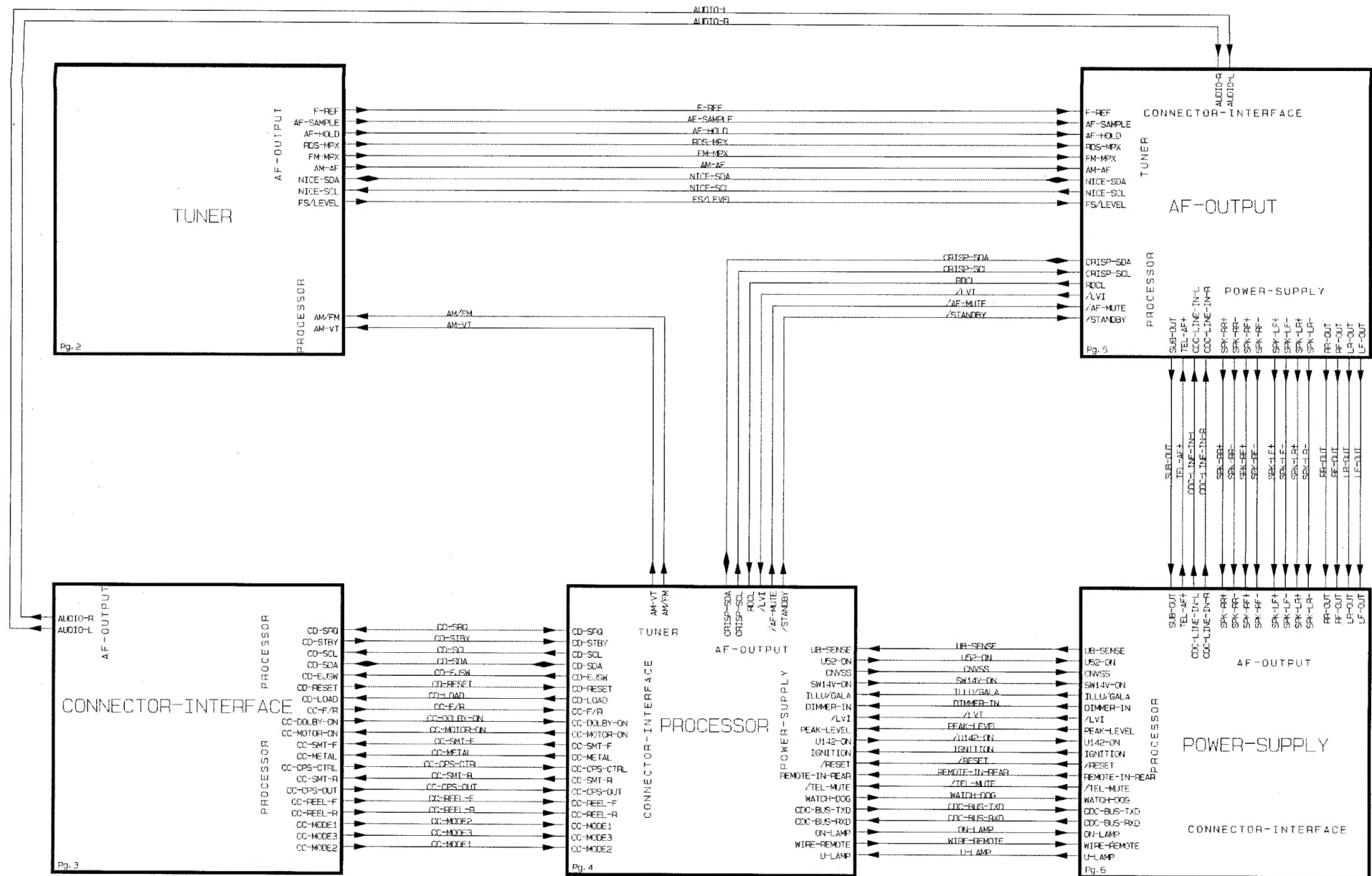
(GB) CAUTION!

**The CD units are equipped with a laser component!
For servicing make sure to observe the following
instructions:**

- The unit operates with invisible laser beams.
- When the cover is removed, invisible laser beams are emitted near the disc compartment.
- Avoid direct eye contact with these beams.
- Keep unauthorised persons away from the workbench.
- The viewing distance should not be less than 13 cm.
- If this distance cannot be kept, use suitable laser safety goggles.



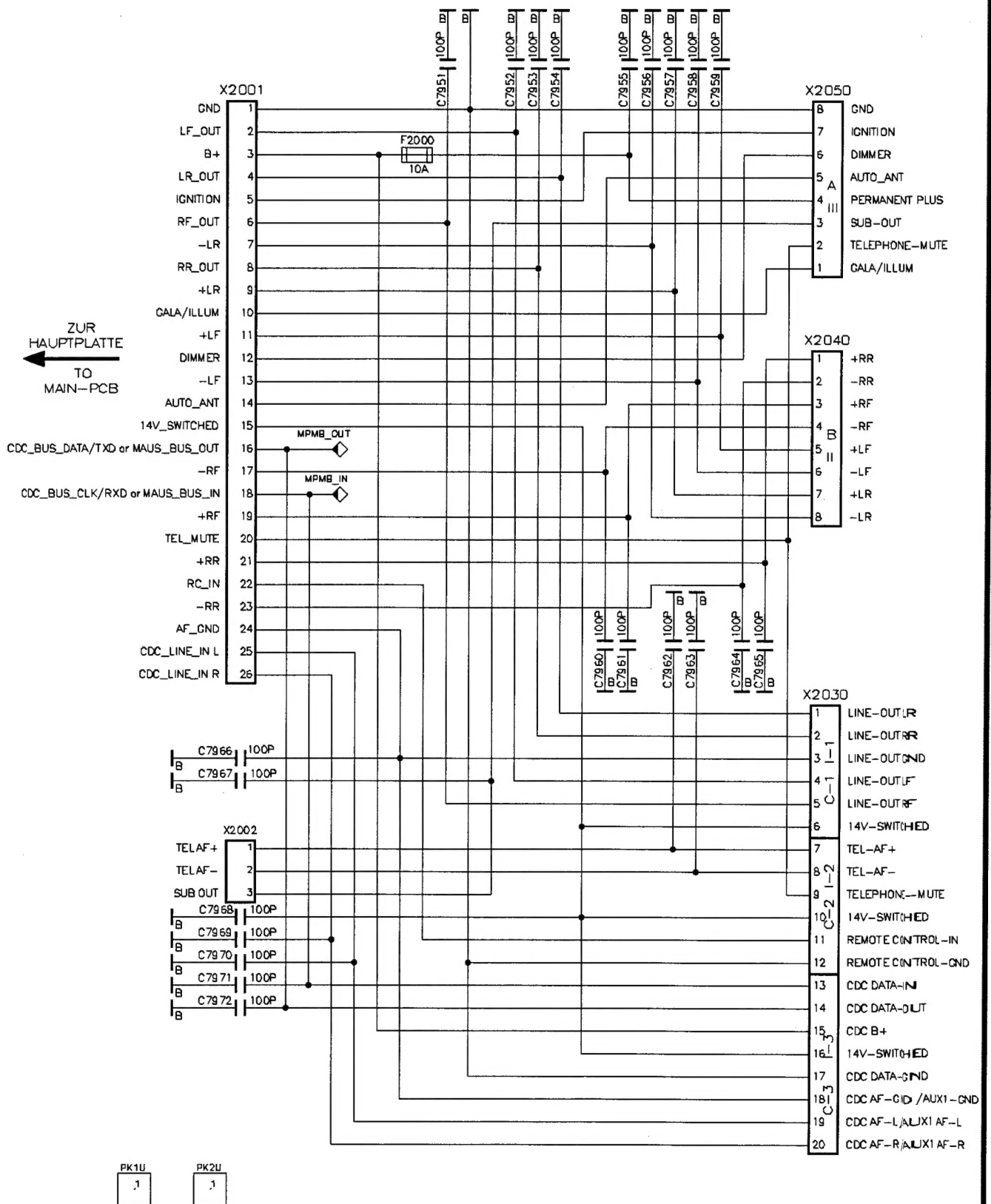
Feature	7 643 194 510	7 643 193 510	7 643 192 510	7 643 191 510	7 643 190 510
	8 638 209 863	8 638 209 864	8 638 209 865	8 638 209 866	8 638 209 867
	Bahamas MP34	Monte Carlo MP34	Venice B. CD34	Atlanta CD34	Daytona B. C34
2V Preamp out	X	X	X	X	X
3V Preamp out					
Sub woofer out					
Infra-red	X	X	X		X
Illu/Gala					
CC Option/Model					X
CD Option/Model	X	X	X	X	
Dimmer Option					
AM-VT Option	X	X	X	X	
C631 (180pF)					X
C632 (1.5nF)					
C633 (330pF)					
C634 (0.47uF)	X	X	X	X	X
D2030 (BC369)	LM317P	LM317P	LM317P	LM317P	BC369
L2 (0.18uH)	X	X	X	X	X
L4 (0.18uH)					
L635 (560uH)					X
L637 (68uH)					X
L638 (560uH)					X
L660 (796KHz)	X	X	X	X	
R604	5.6K	5.6K	5.6K	5.6K	5.6K
R605 (150K)					X
R606	1.8K	1.8K	1.8K	1.8K	1.8K
R608 (0R)	X	X	X	X	
R609 (220K)	X	X	X	X	
R611	2.2K	2.2K	2.2K	2.2K	8.2K
R631 (0R)					X
R632 (0R)	X	X	X	X	
R634 (22K)	X	X	X	X	
R644	470R	470R	470R	470R	1K
R660 (1K)					X
R662 (82R)					X
R2031 (22K)					X
R2032 (470R)	X	X	X	X	
R2033 (68R)	X	X	X	X	
R2034 (3.3K)					X
R2035 (2.7K)	X	X	X	X	
V634 (HYR100)	X	X	X	X	
V2030 (DTC143)					X
V2062	BD436	BD436	BD436	BD436	BC369



HAUPTPLATTE
MAIN BOARD

Blockschaltbild
Block diagram

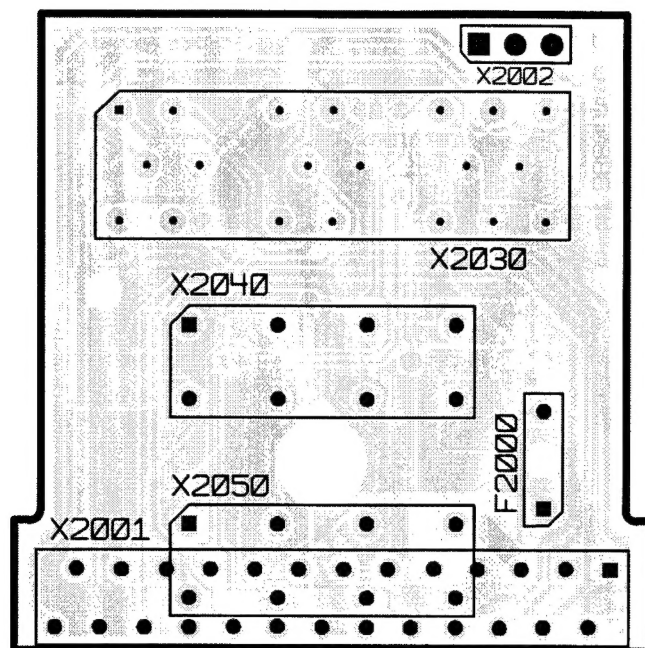
PL 9860 D04



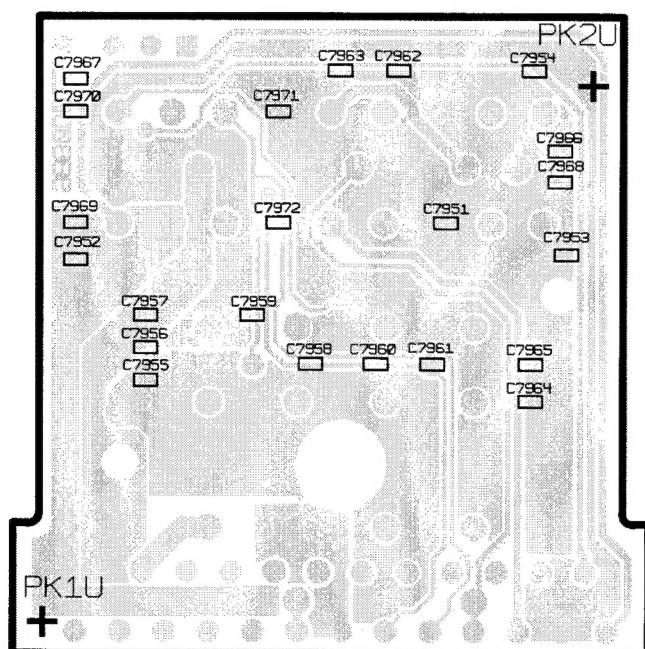
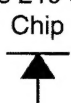
ANSCHLUSSPLATTE
CONNECTOR BOARD

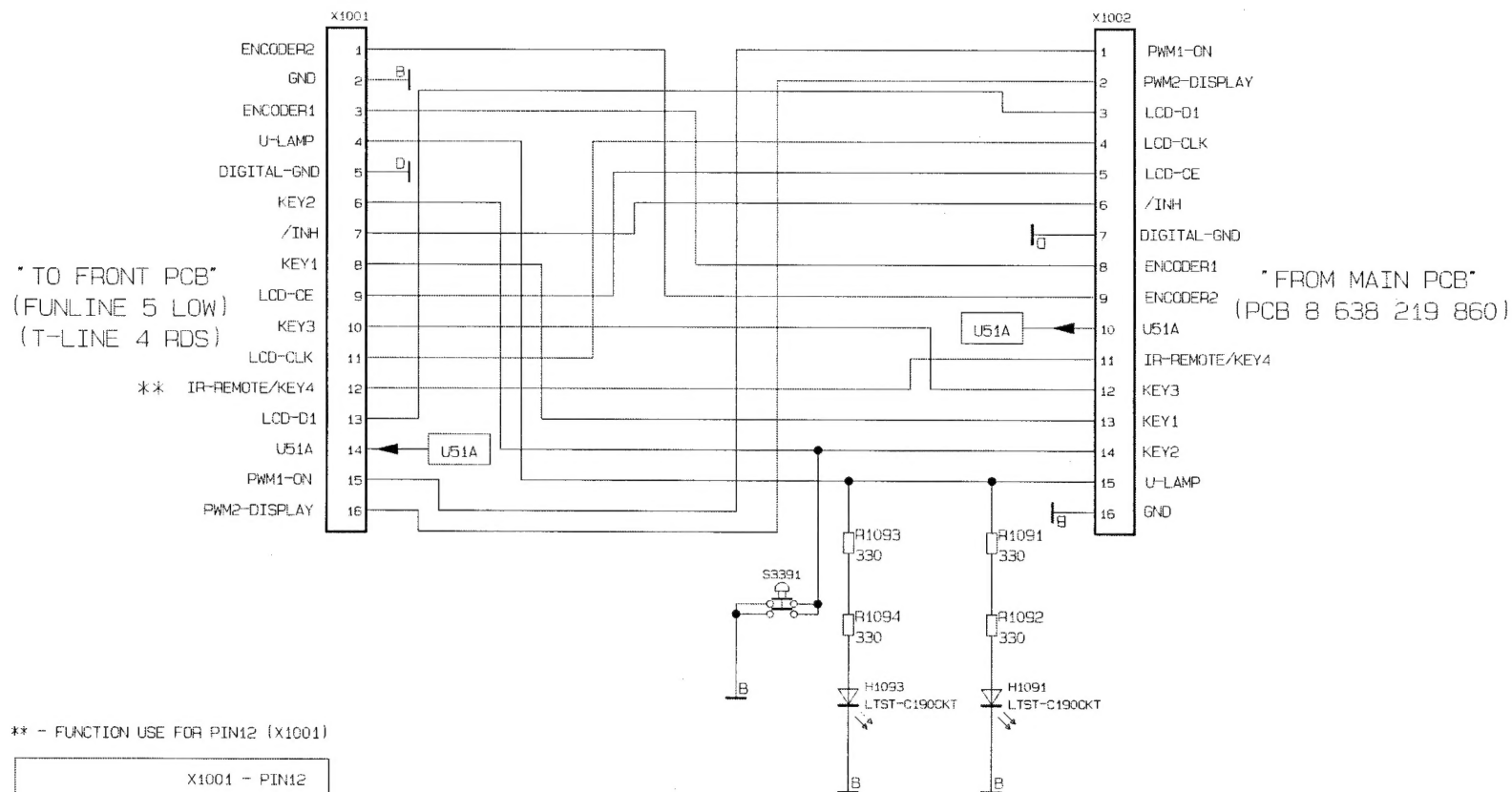
PL 9880 D 01

Anschlussplatte
Connector board
PL 8 638 219 880 D01



Anschlussplatte
Connector board
PL 8 638 219 880 D01





** - FUNCTION USE FOR PIN12 (X1001)

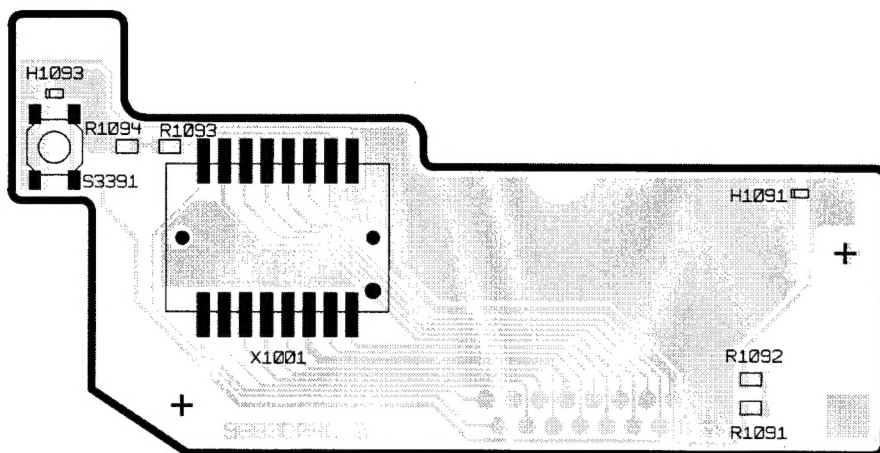
X1001 - PIN12	
FUNLINE 5(LOW)	KEY 4
T-LINE 4 RDS	N/C

PX10	PX20
1	1

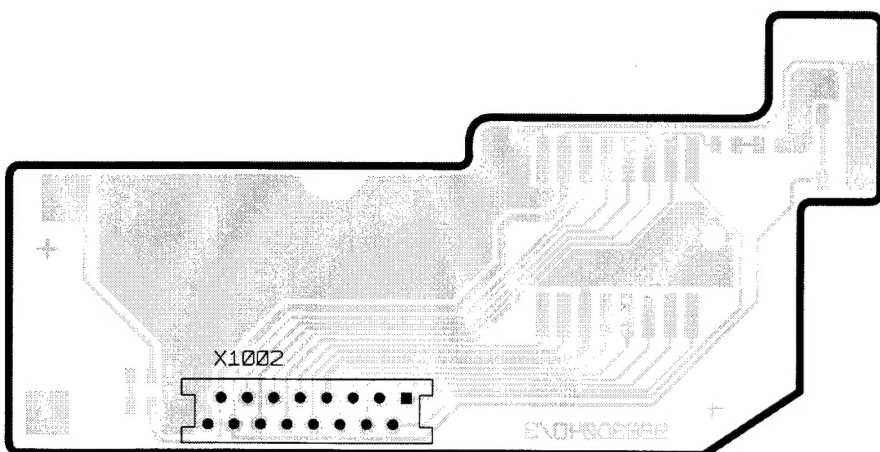
ZUSATZPLATTE ADDITIONAL BOARD

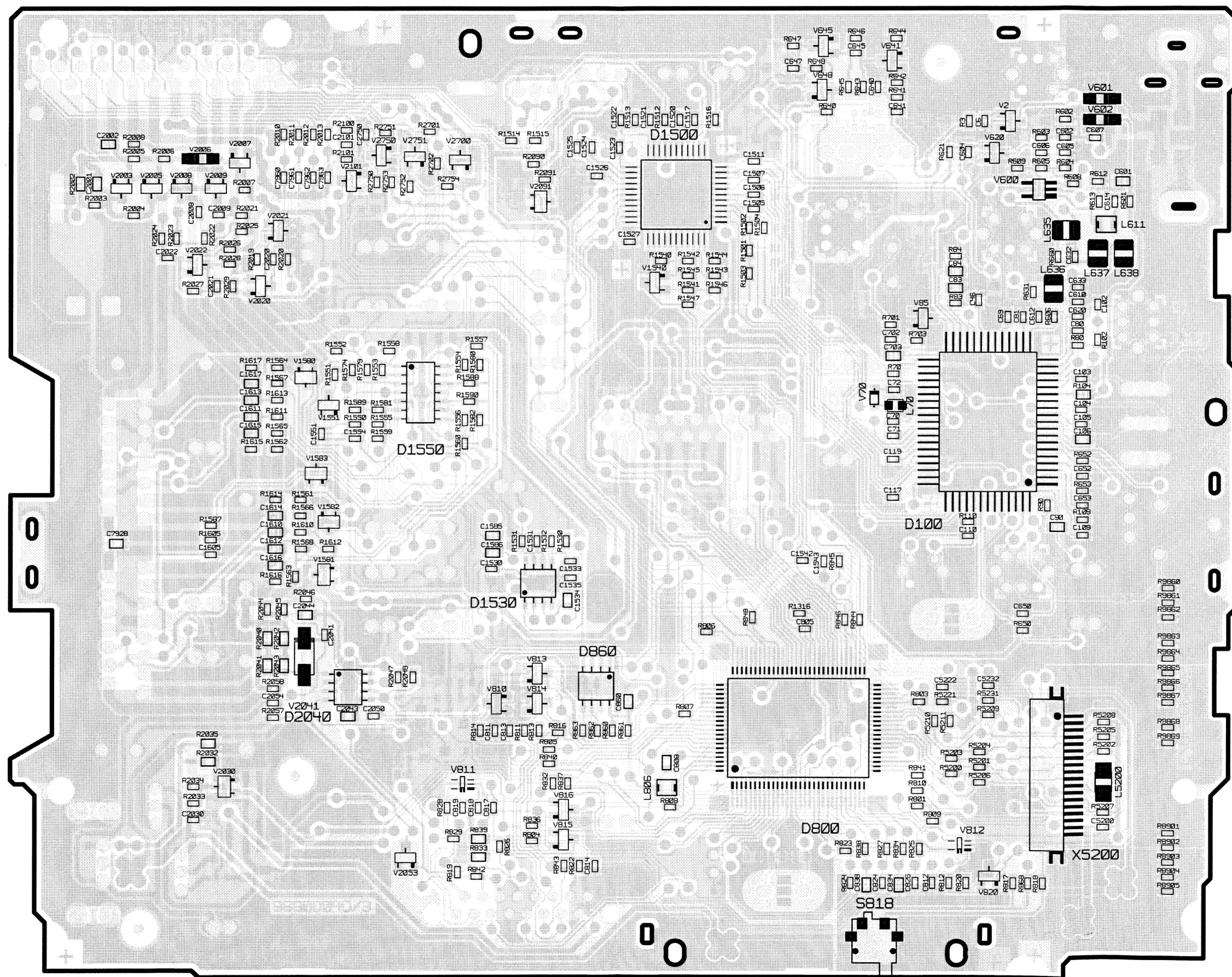
PL 9883 D04

Zusatzplatte
Additional board
PL 8 638 219 883 D04
Chip



Zusatzplatte
Additional board
PL 8 638 219 883 D04

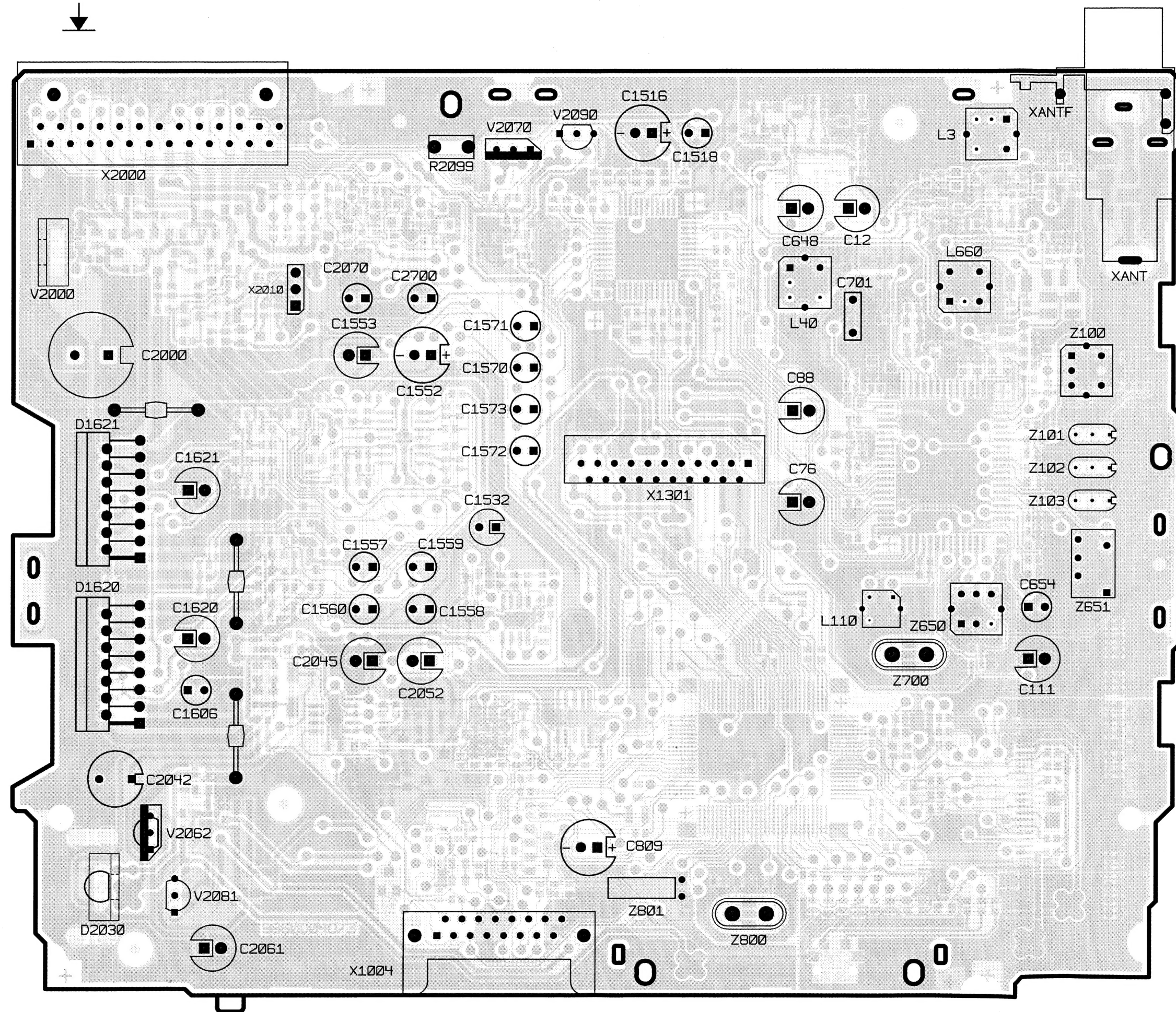


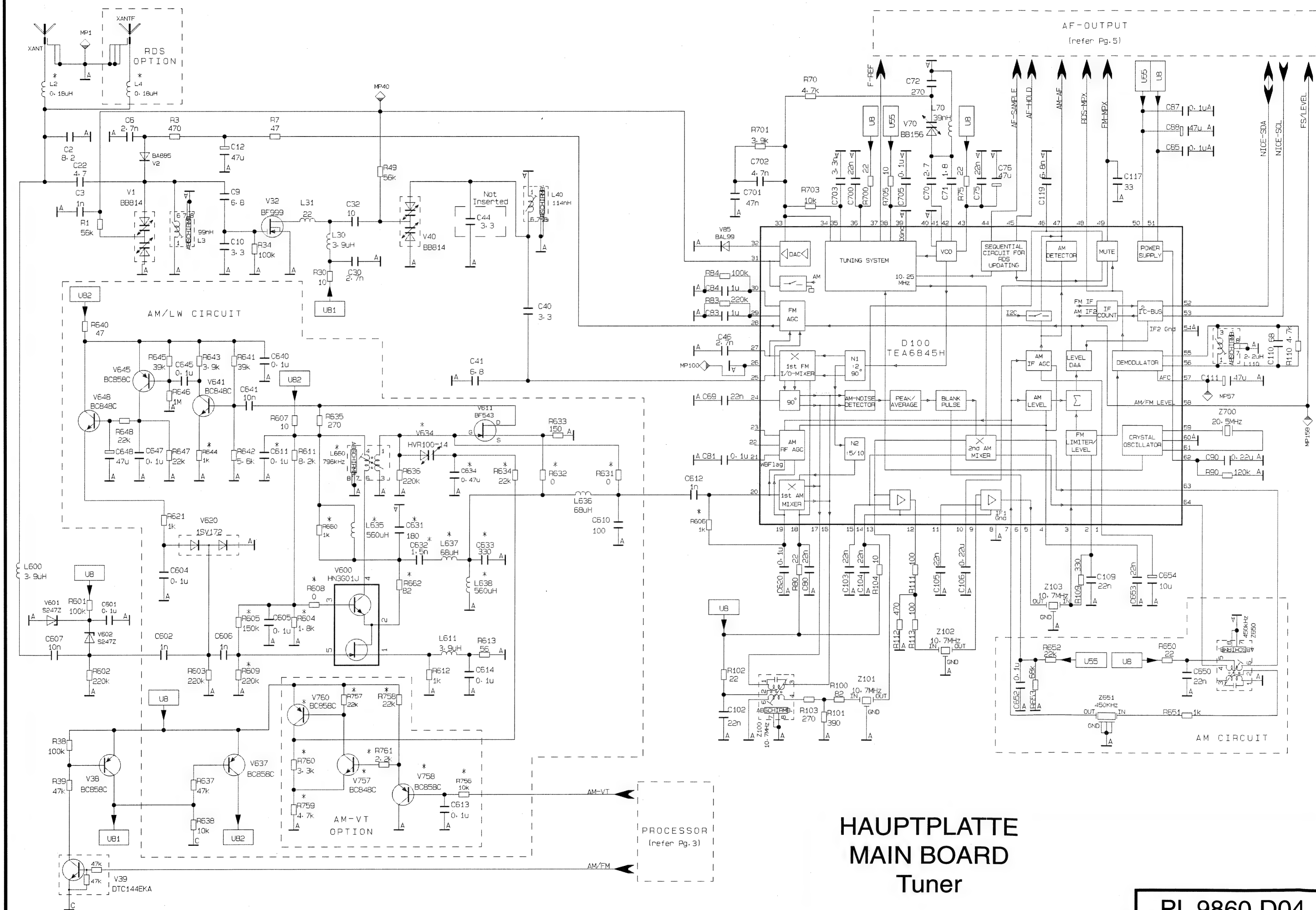


Chip



Hauptplatte
Main board
PL 8 638 219 860 D04

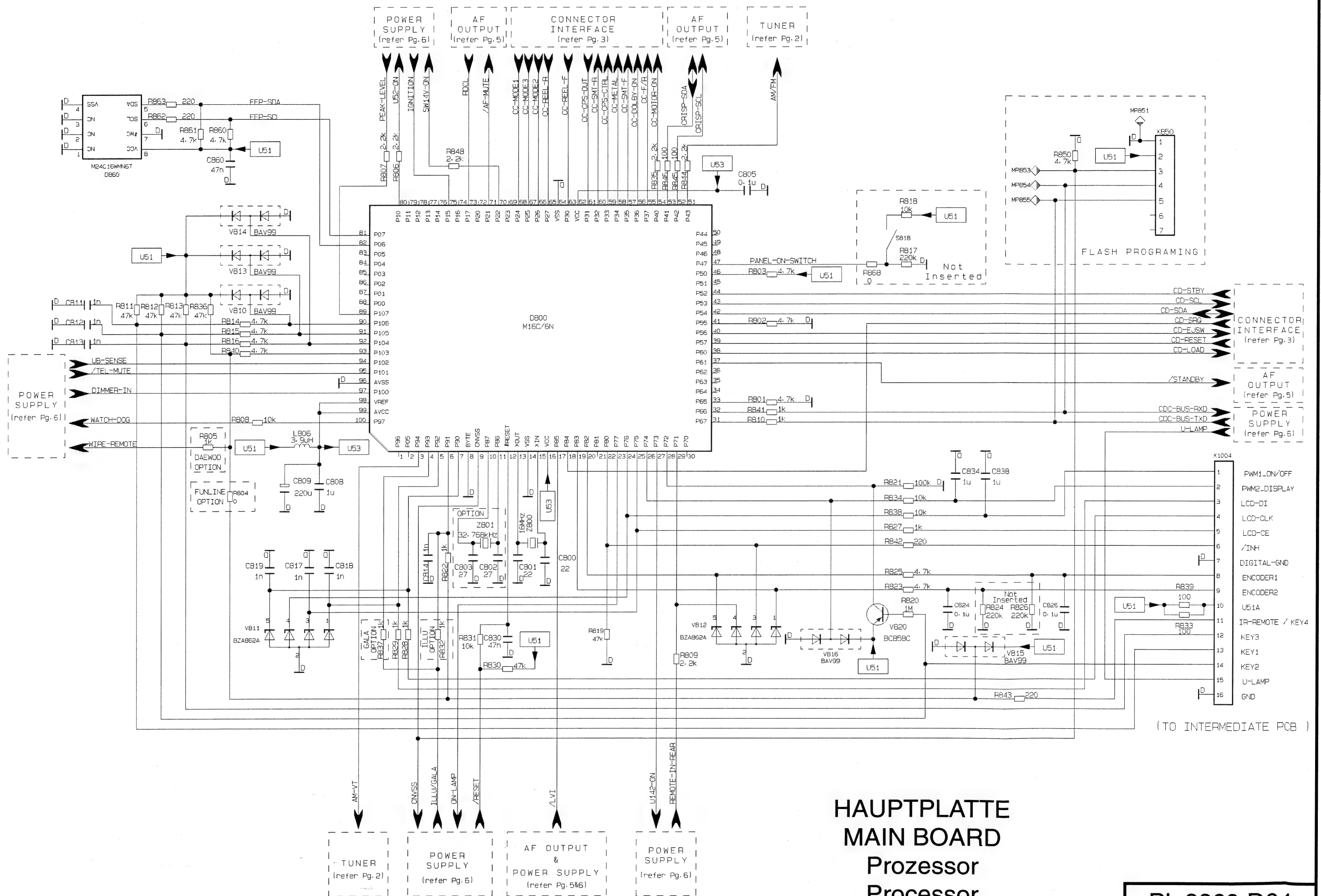




**HAUPTPLATTE
MAIN BOARD
Tuner**

PL 9860 D04

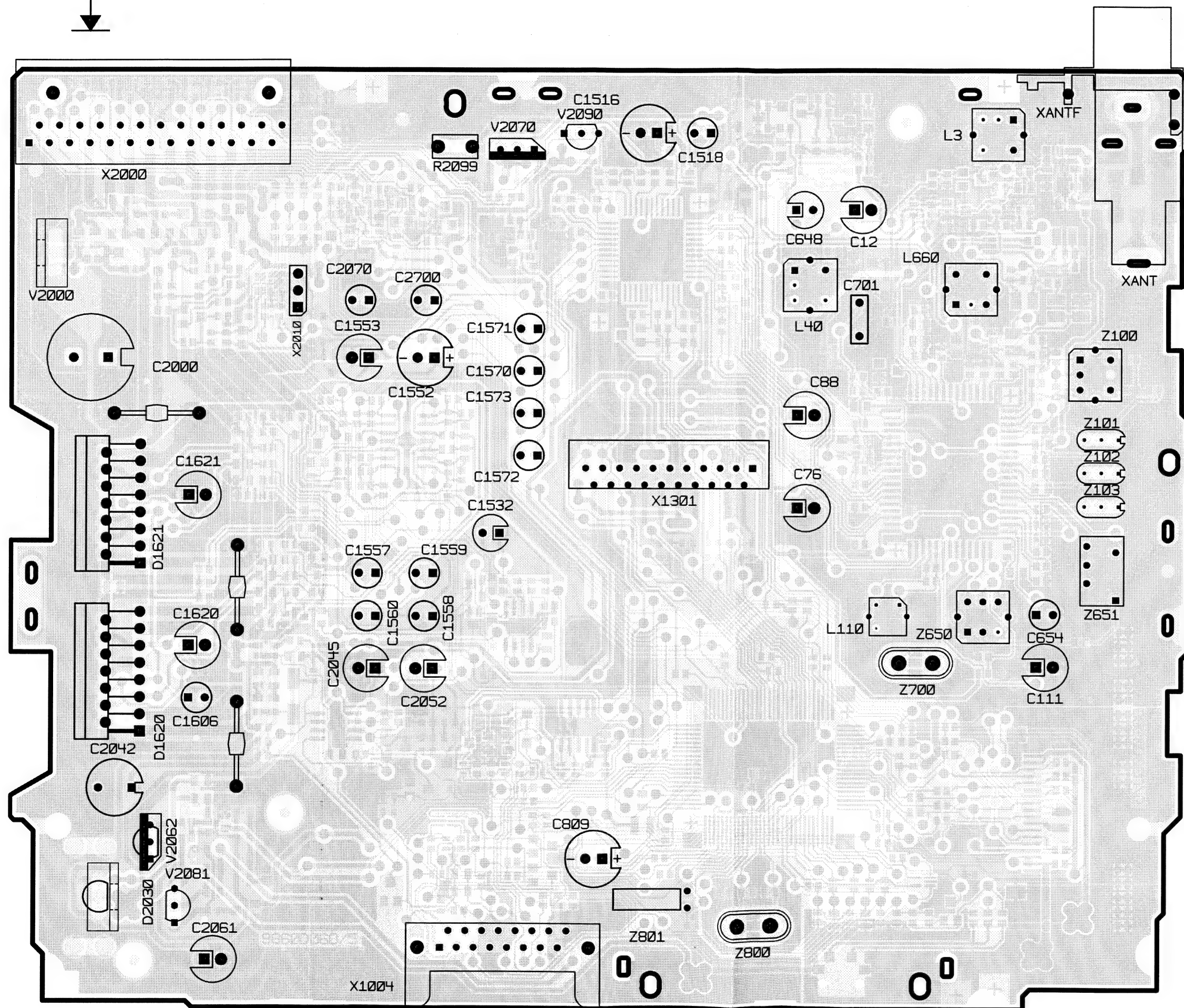


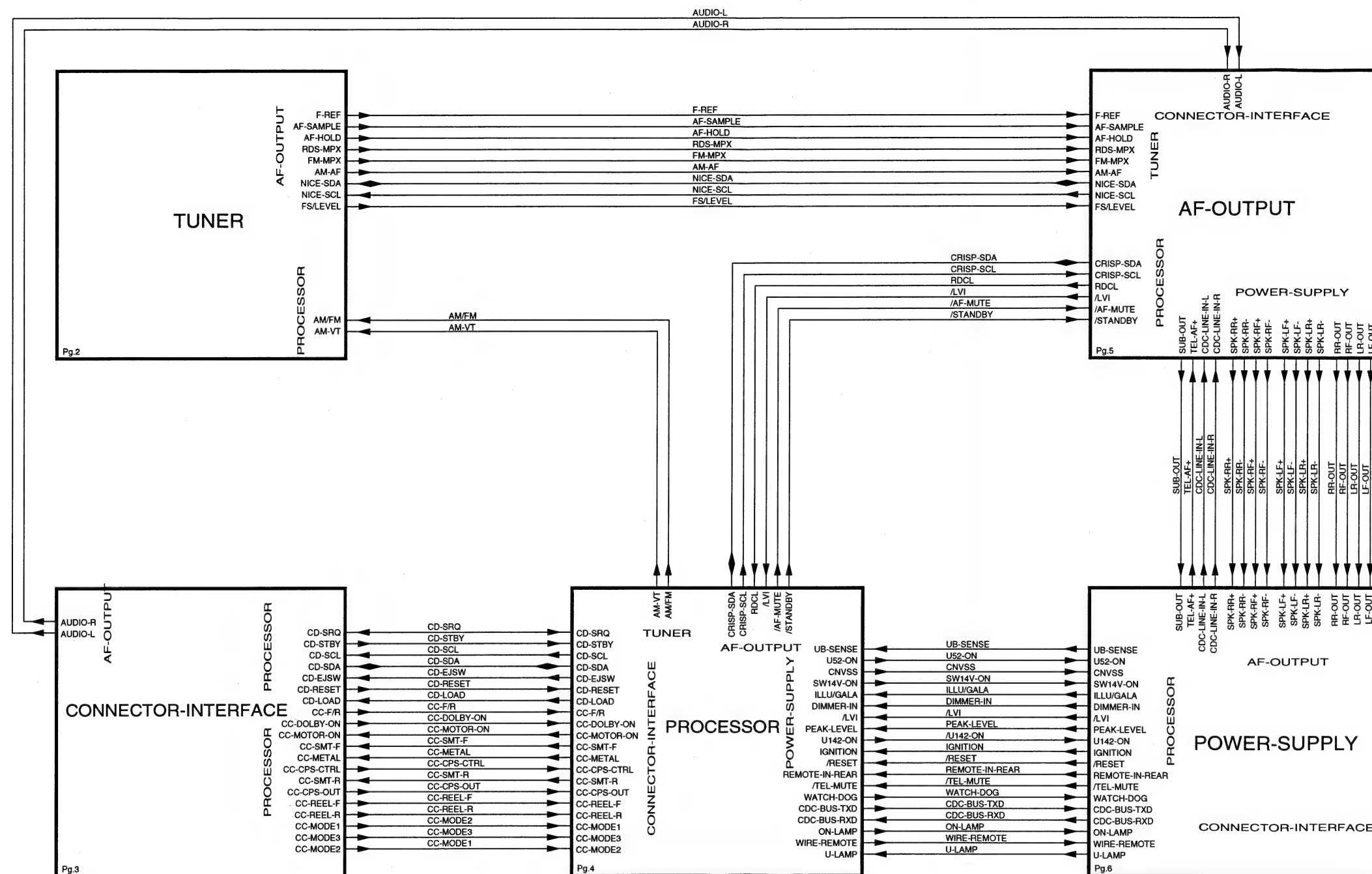




PL 9860 D04

Hauptplatte
Main board
PL 8 638 219 860 D06

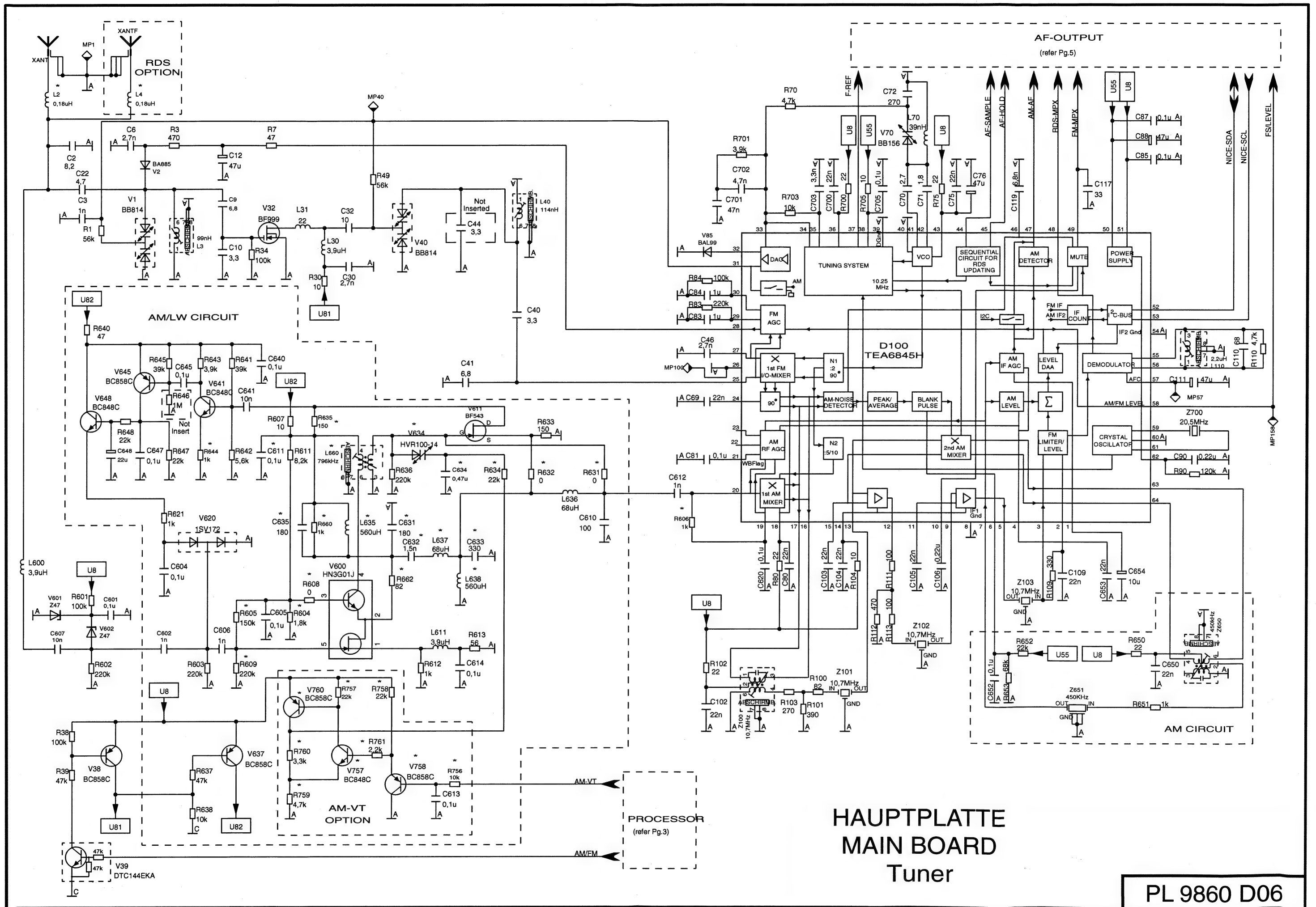




HAUPTPLATTE
MAIN BOARD
Blockschaltbild
Block diagram

PL 9860 D06

[illegible]



AF
OUTPUT
(refer Pg.5)

AUDIO-R
AUDIO-L

CC-E/R
CC-DOLBY-ON
CC-SMT-F
CC-METAL
CC-CPS-CTRL
CC-SMT-R
CC-CPS-OUT
CC-REEL-F
CC-REEL-R
CC-MODE2
CC-MODE3
CC-MODE1

PROCESSOR
(refer Pg.4)

CC OPTION
* BC369

CD OPTION
* REGULATOR
X2030

D2030
LM317P

IN OUT
ADJ

R2031 22k
R2032 470
R2033 68
R2034 3.3k
R2035 2.7k

C2030 0.1u

B

CC-MOTOR-ON

V2030
DTC143ZKA

B

STH10
1 2 3 4 5 6 7 8 9 10 11 12

C7901
1n

FR8 FR807 FR808 FR2008 X2007 X2008

GP1 GUIDE PIN GP2

X6 X7 X8

PK60 PK70 PK80 PK90 PK140 PK150 PK160 PK170 PK180 PK190 PK8U PK7U PK8U PK9U

1 1 1 1 1 1 1 1 1 1 1 1 1

MODEL
INDICATOR

T-LINE (RDS)
[CD34]

T-LINE (NRDS)
[CD33]

T-LINE (NRDS)
[C33]

FUNLINE (LOW)
[CD54]

FUTURE MODEL
[CD/CC]

R9860 R9861 R9862
R9863 R9864 R9865 R9866
R9867
R9868 R9869
R8901 R8902 R8903 R8904 R8905

R1301 1k
R1302 1k
R1303 1k
R1304 1k
R1305 1k
R1306 1k
R1307 1k
R1308 1k
R1316 1k
R1309 47k
R1310 47k
R1311 47k
R1312 220
R1314 47k
R1313 47k
R1315 47k

X1301

1 F/R
2 DOLBY-ON
3 NF-R
4 NF-L
5 GND
6 SMT-F
7 METAL
8 CPS-CTRL
9 SMT-R
10 14V
11 8.5V
12 CPS-OUT
13 14V
14 REEL-F
15 GND
16 REEL-R
17 ANODE
18 MODE2
19 COLLECTOR1
20 MODE3
21 MODE1

(TO "SOFT TOUCH" MECH.)
FOR CC MODEL

R5221 1k
R5231 1k
R5202 6.8k
R5205 6.8k
R5207 100k
R5208 6.8k
R5206 220
R5203 100
R5204 100
R5209 220
R5210 220
R5211 47k

X1301

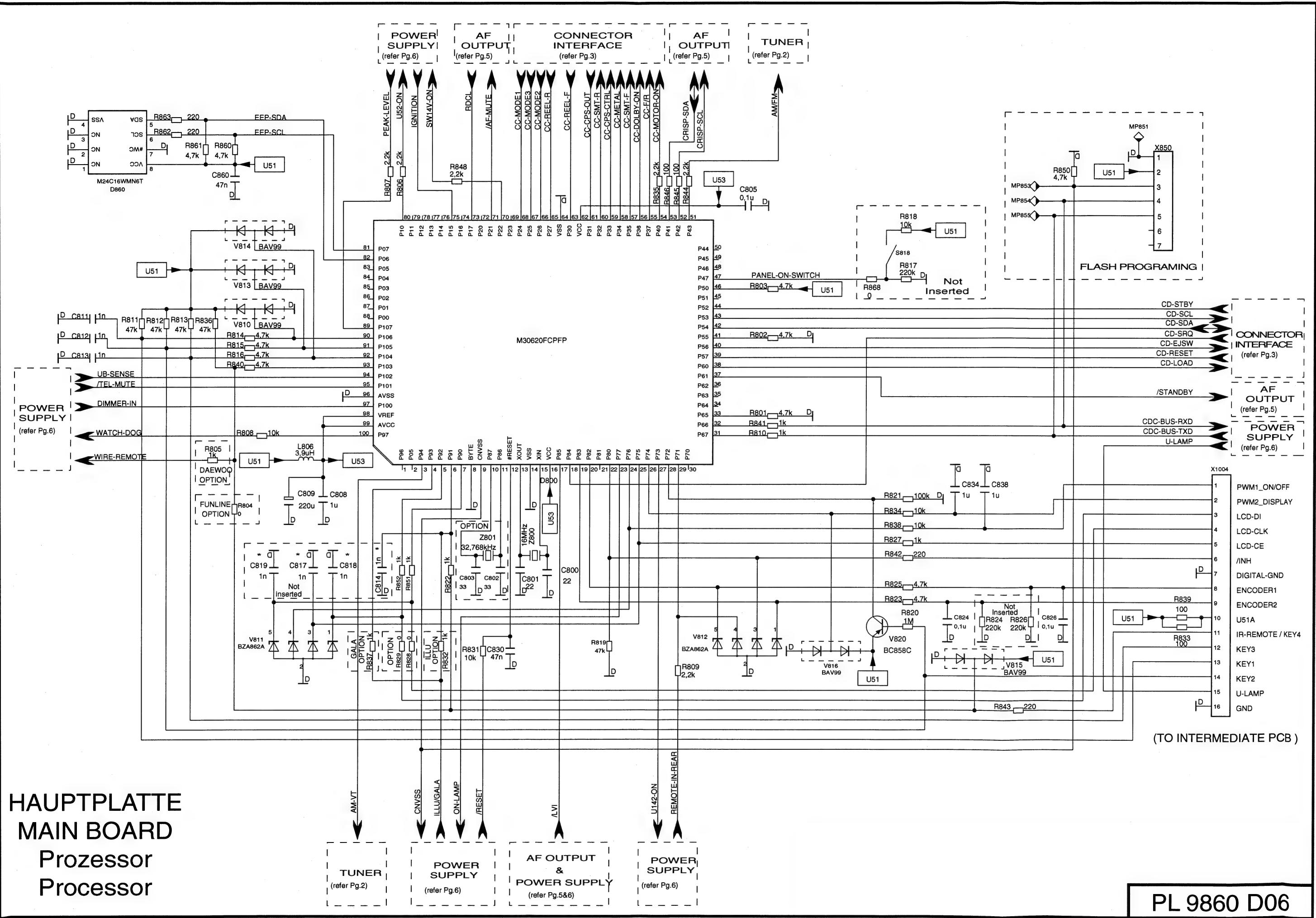
19 20
18 B-GND
17 B-GND
16 CD-AF-L
15 AF-GND
14 CD-AF-R
13 CD-LOAD
12 D-GND
11 U51
10 CD-RESET
9 NC
8 CD-EJSW
7 CD-SDA
6 NC
5 CD-SCL
4 CD-STBY
3 CD-SRQ
2 U86
1 U86

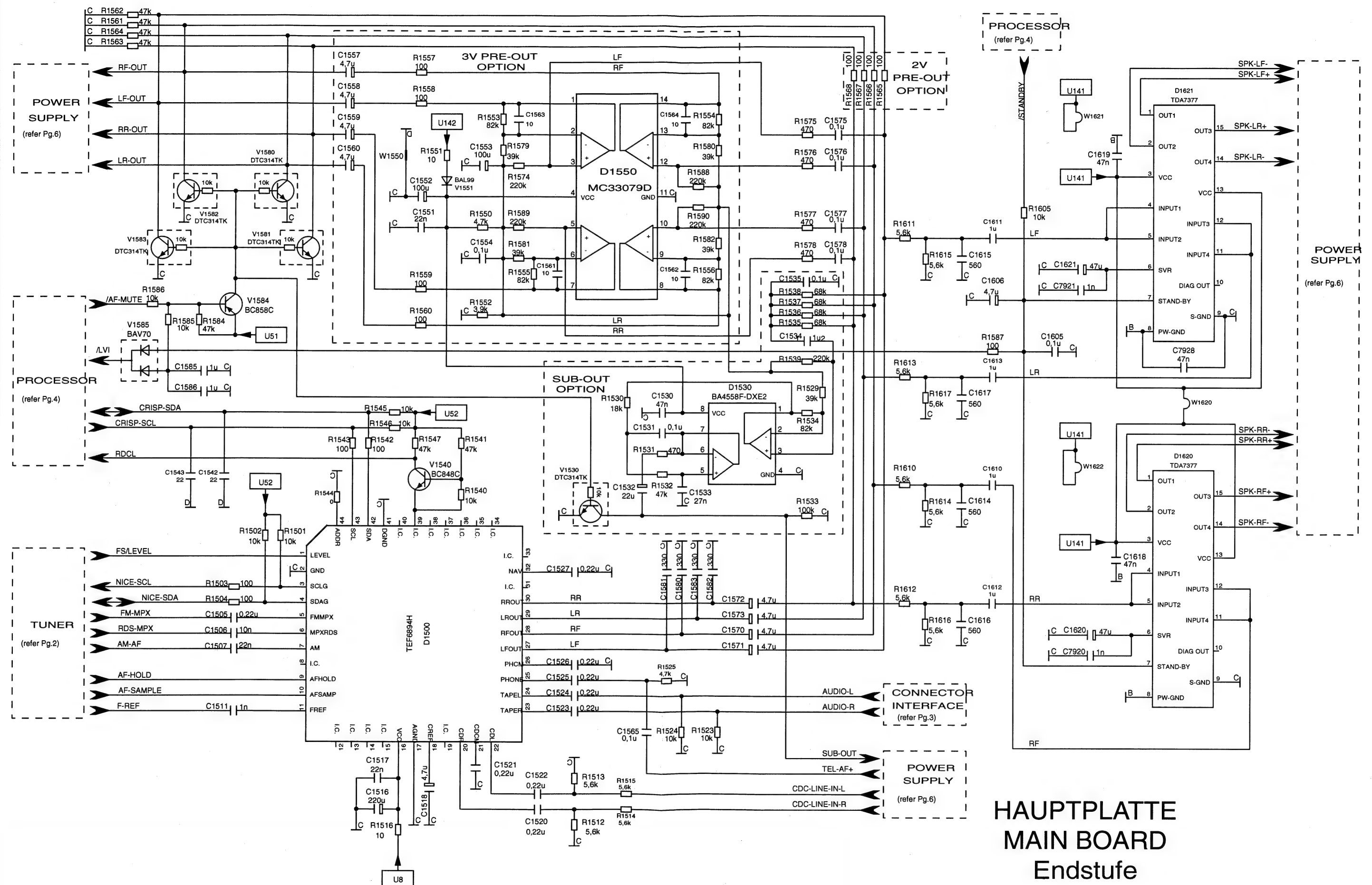
(TO "S10" CD MECH.)
FOR CD MODEL

PROCESSOR
(refer Pg.4)

HAUPTPLATTE
MAIN BOARD
CD Interface

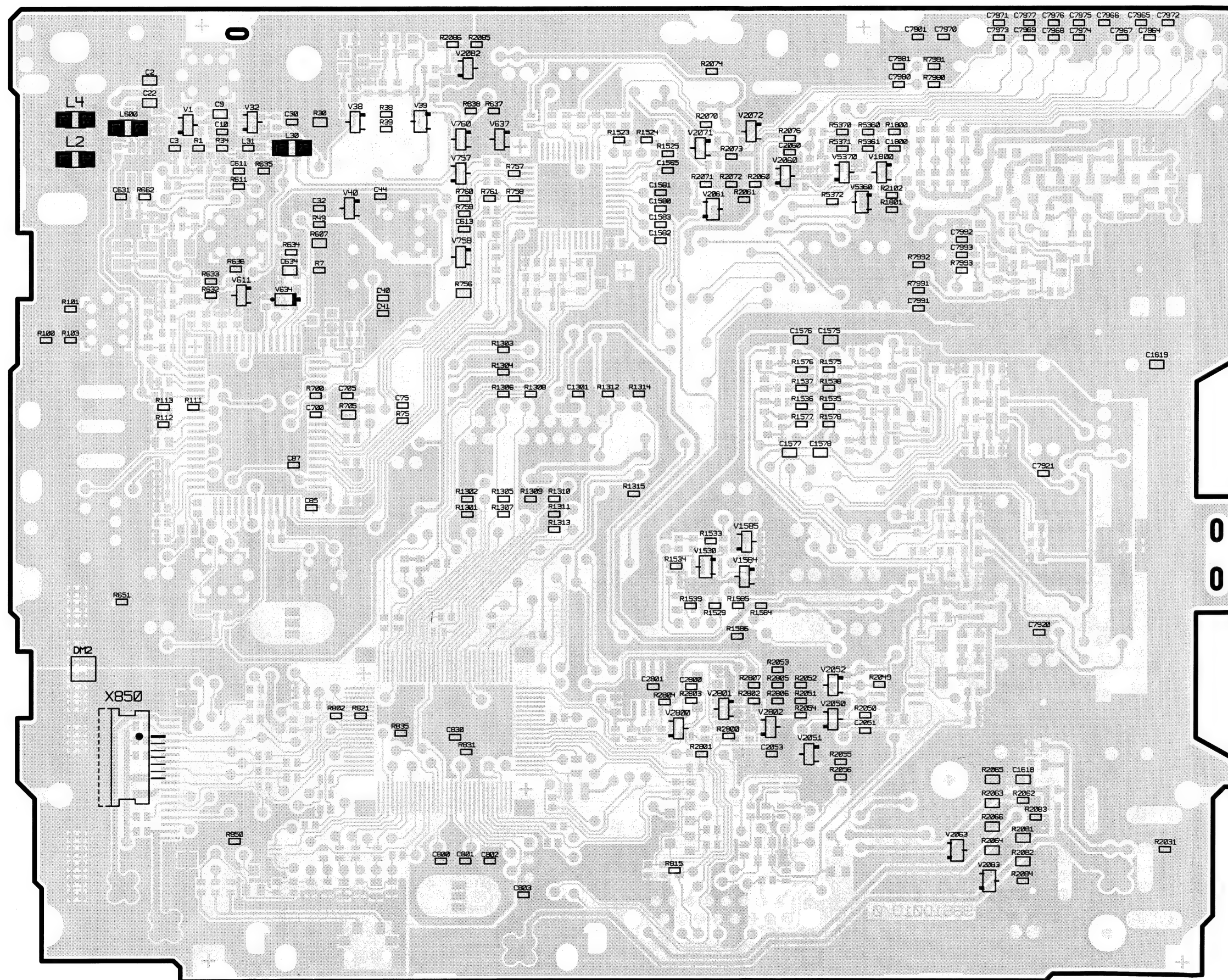
PL 9860 D06



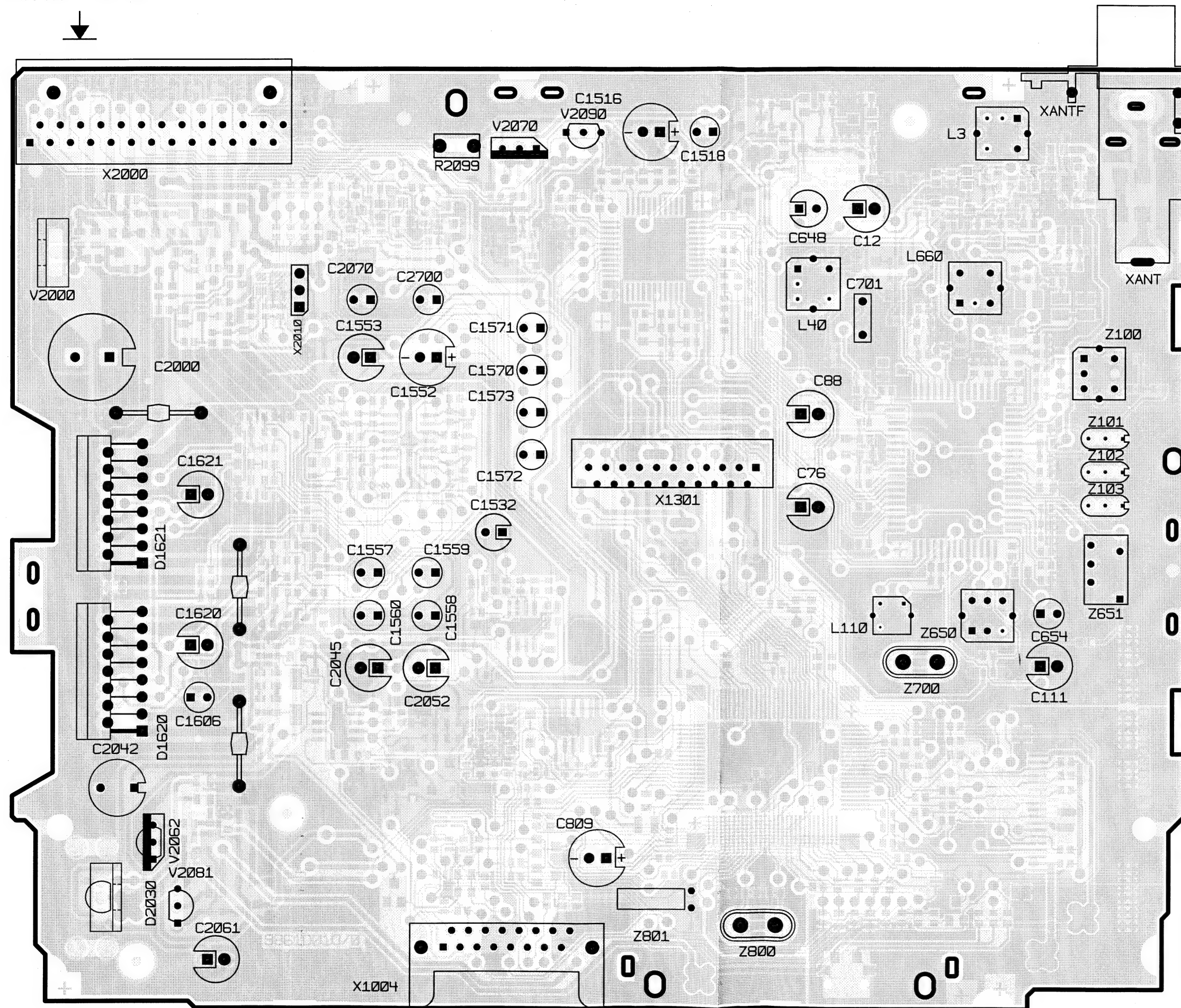


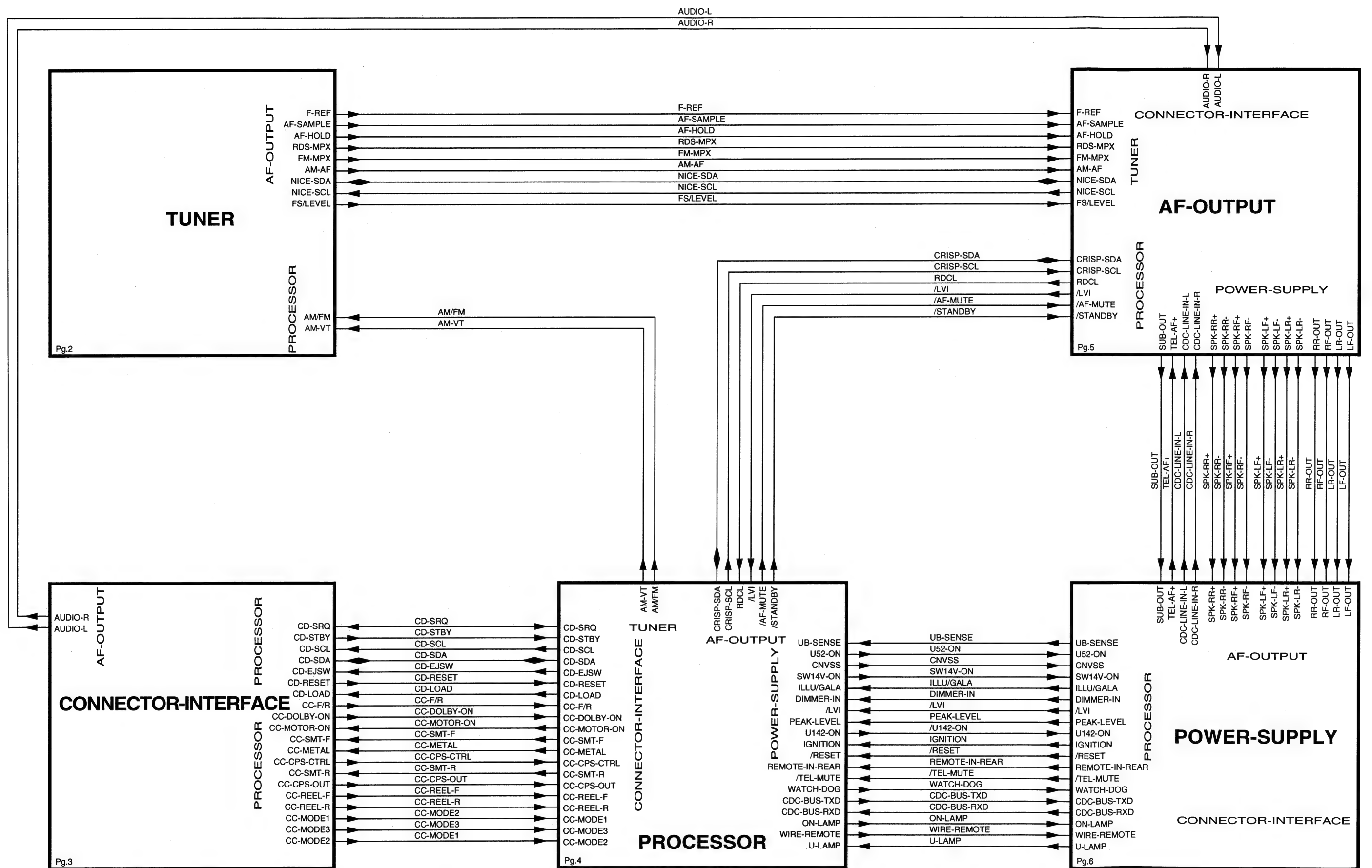
A diagram showing a thick black arrow pointing vertically downwards, originating from a horizontal dashed line that represents a surface.

Hauptplatte
Main board
PL 8 638 219 861 D01
Chip



Hauptplatte
Main board
PL 8 638 219 861 D01



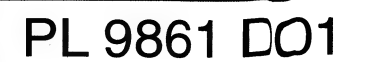


HAUPTPLATTE
MAIN BOARD

Blockschaltbild
Block diagram

PL 9861 D01

Feature													
	7 644 174 310	7 644 178 310	7 644 176 310	7 644 172 310	7 644 191 310	7 644 192 310	7 644 195 310	7 644 190 310	7 644 193 310	7 644 194 310	7 644 263 310	7 644 260 310	7 644 262 310
	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 861	8 638 219 892	8 638 219 893	8 638 219 861	8 638 219 861	8 638 219 861
	Fiat Panda MP3	Santa Cruz MP34	San Remo CD34	Alicante CD34	Porto CD34	Milano MP34	Valencia MP34	Brighton MP34	Dresden MP34	Freiburg CD34	Modena MP54 (Hyunda)	Modena MP54	Sevilla MP54
2V Preamp out	X	X	X	X	X	X	X	X	X	X			
3V Preamp out											X	X	X
Sub woofer out											X	X	X
Infra_red	X	X	X	X	X	X	X	X	X	X	X	X	X
Illu/Gala											X	X	X
CC Option/Model													
CD Option/Model	X	X	X	X	X	X	X	X	X	X	X	X	X
Dimmer Option	X	X		X		X	X	X	X		X	X	X
AM-VT Option													
C631/C635 (180pF)	X	X	X	X	X	X	X	X	X	X	X	X	X
C632 (1,5nF)	X	X	X	X	X	X	X	X	X	X	X	X	X
C633 (330pF)	X	X	X	X	X	X	X	X	X	X	X	X	X
C634 (0,47uF)													
C648	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF	22uF
D2030 (BC369)	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P	LM317P
L2 (0,18uH)													
L4 (0,18uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L635 (560uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L637 (68uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L638 (560uH)	X	X	X	X	X	X	X	X	X	X	X	X	X
L660 (796KHz)													
R604	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K	1,8K
R605 (150K)	X	X	X	X	X	X	X	X	X	X	X	X	X
R606	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
R608 (0R)													
R609 (220K)													
R611	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K	8,2K
R631 (0R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R632 (0R)													
R634 (22K)													
R635	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R	150R
R644	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
R660 (1K)	X	X	X	X	X	X	X	X	X	X	X	X	X
R662 (82R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2031 (22K)													
R2032 (470R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2033 (68R)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2034 (3,3K)													
R2035 (2,7K)	X	X	X	X	X	X	X	X	X	X	X	X	X
R2701 (39K)	X	X		X		X	X	X	X		X	X	X
R2702	47K	47K	27K	47K	27K	47K	47K	47K	47K	27K	47K	47K	47K
R2081	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R
R2082	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R	0R
V634 (HVR100)													
V2030 (DTC143)													
V2062	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436	BD436



AF
OUTPUT
(refer Pg.5)

AUDIO-R
AUDIO-L

CC-F/R
CC-DOLBY-ON
CC-SMT-F
CC-METAL
CC-CPS-CTRL
CC-SMT-R
CC-CPS-OUT
CC-REEL-F
CC-REEL-R
CC-MODE2
CC-MODE3
CC-MODE1

PROCESSOR
(refer Pg.4)

CC OPTION

BC369

CD OPTION

REGULATOR

X2030

D2030

LM317P

IN

OUT

ADJ

R2031

22k

R2032

47k

R2033

68

R2034

3.3k

R2035

2.7k

C2030

0.1u

V2030

DTC143ZKA

4.7k

47k

CC-MOTOR-ON

STH10

C7901

1n

FR8

FR807

FR808

FR2008

X2007

X2008

GP1

GP2

GUIDE

PIN

X8

X7

X6

PK60

PK70

PK80

PK90

PK140

PK150

PK160

PK170

PK180

PK190

PK6U

PK7U

PK8U

PK9U

MODEL
INDICATOR

T-LINE (RDS)

[CD34]

T-LINE (NRDS)

[CD33]

T-LINE (NRDS)

[C33]

FUNLINE (LOW)

[CD54]

FUTURE MODEL

[CD/CC]

R9860

R9861

R9862

R9863

R9864

R9865

R9866

R9867

R9868

R9869

R8901

R8902

R8903

R8904

R8905

R1301 1k
R1302 1k
R1303 1k
R1304 1k
R1305 1k
R1306 1k
R1307 1k
R1308 1k
R1316 1k
R1309 47k
R1310 47k
R1311 47k
R1312 220
R1314 47k
R1313 47k
R1315 47k

U52

C C1301

10n

U8

U142

U86

U52

C5222

3.3n

C5232

3.3n

U51

B C5200

10n

U51

R5200

220

R5201

220

R5202

6.8k

R5203

100

R5204

100

R5205

6.8k

R5206

220

R5207

100k

R5208

6.8k

R5209

220

R5210

220

R5211

47k

U51

U86

MP5201

MP5202

MP5203

MP5204

MP5205

MP5206

MP5207

MP5208

MP5209

MP5210

MP5211

MP5212

MP5213

MP5214

MP5215

MP5216

MP5217

MP5218

MP5219

MP5220

MP5221

MP5222

MP5223

MP5224

MP5225

MP5226

MP5227

MP5228

MP5229

MP5230

MP5231

MP5232

MP5233

MP5234

MP5235

MP5236

MP5237

MP5238

MP5239

MP5240

MP5241

MP5242

MP5243

MP5244

MP5245

MP5246

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MP5248

MP5249

MP5250

MP5251

MP5252

MP5253

MP5254

MP5255

MP5256

MP5257

MP5258

MP5259

MP5260

MP5261

MP5262

MP5263

MP5264

MP5265

MP5266

MP5267

MP5268

MP5269

MP5270

MP5271

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MP5273

MP5274

MP5275

MP5276

MP5277

MP5278

MP5279

MP5280

MP5281

MP5282

MP5283

MP5284

MP5285

MP5286

MP5287

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MP5289

MP5290

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MP5292

MP5293

MP5294

MP5295

MP5296

MP5297

MP5298

MP5299

MP5300

MP5301

MP5302

MP5303

MP5304

MP5305

MP5306

MP5307

MP5308

MP5309

MP5310

MP5311

MP5312

MP5313

MP5314

MP5315

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MP5324

MP5325

MP5326

MP5327

MP5328

MP5329

MP5330

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MP5332

MP5333

MP5334

MP5335

MP5336

MP5337

MP5338

MP5339

MP5340

MP5341

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MP5347

MP5348

MP5349

MP5350

MP5351

MP5352

MP5353

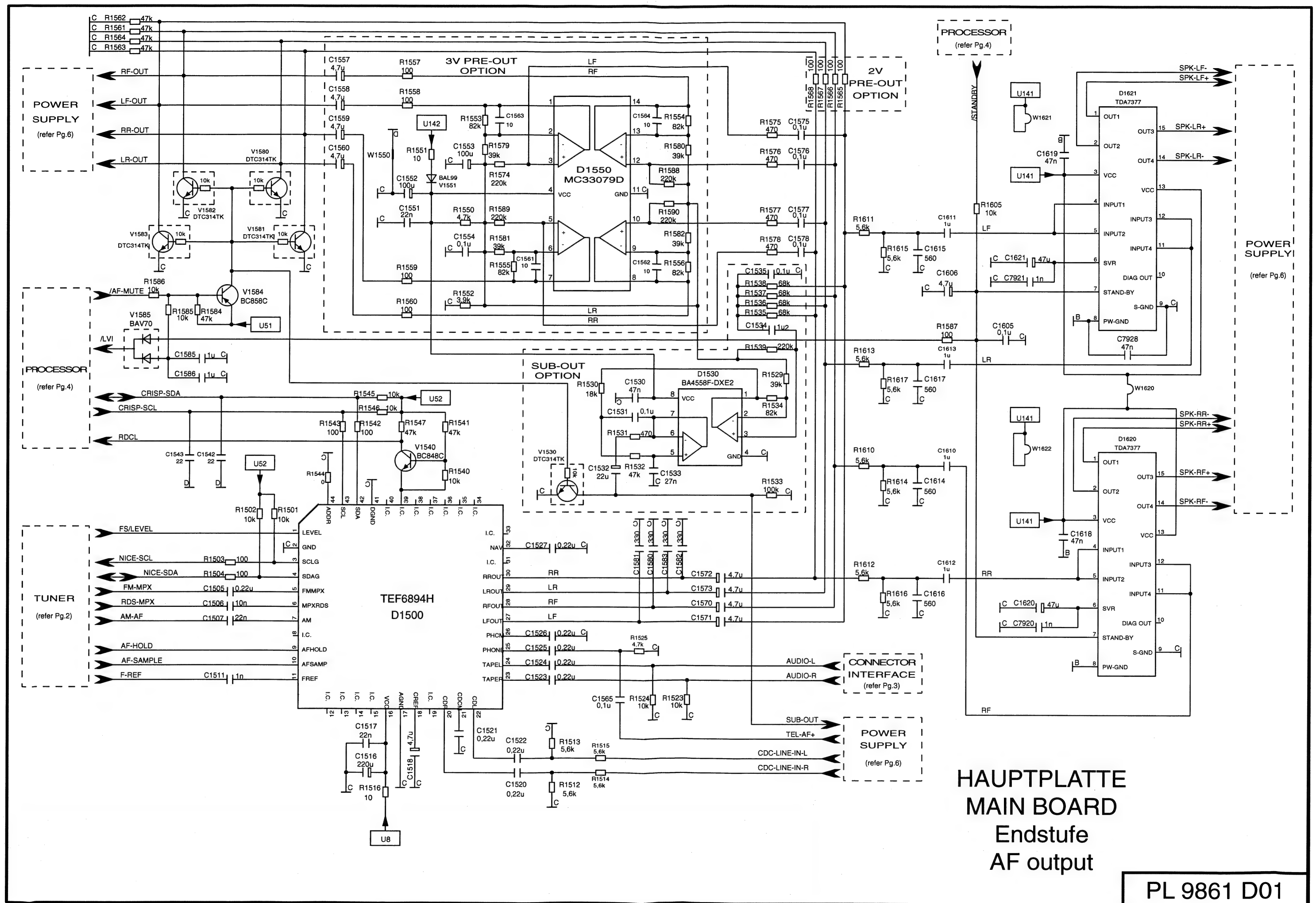
MP5354

MP5355

MP5356

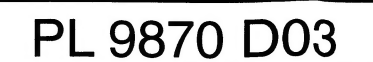
MP5357

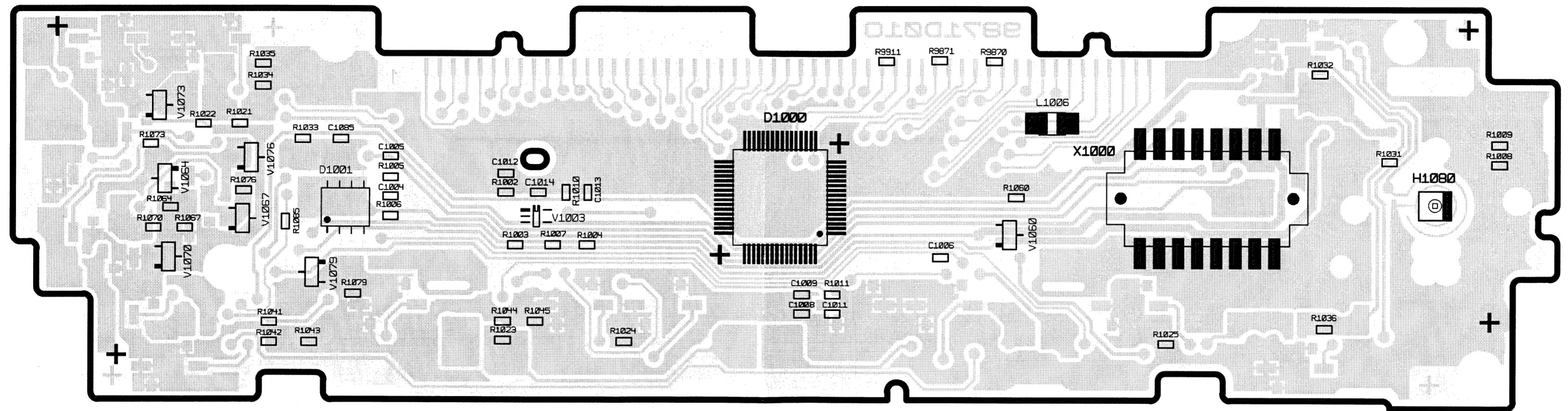




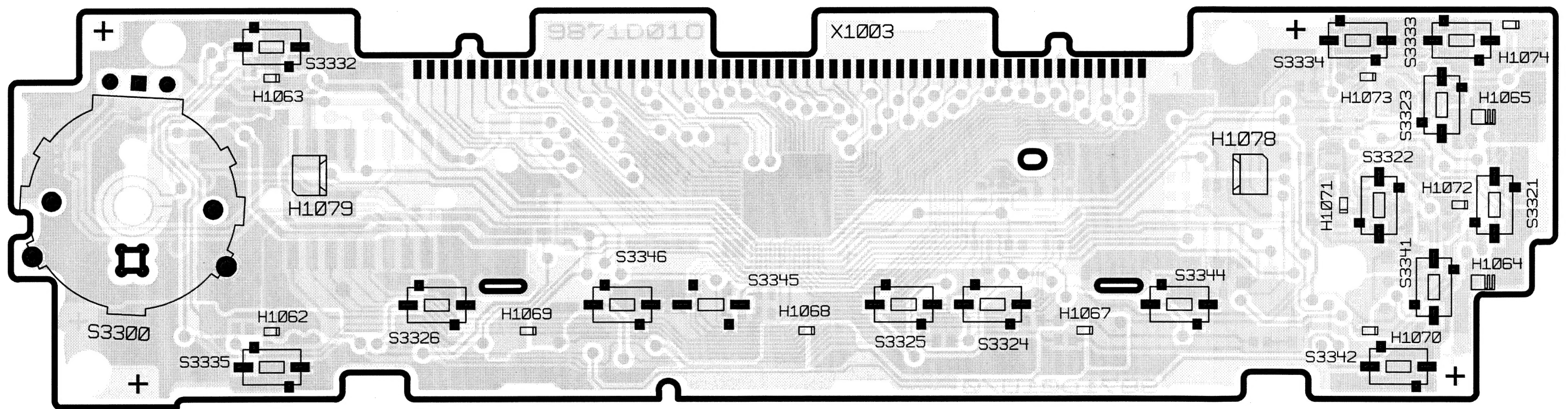


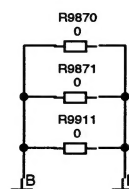
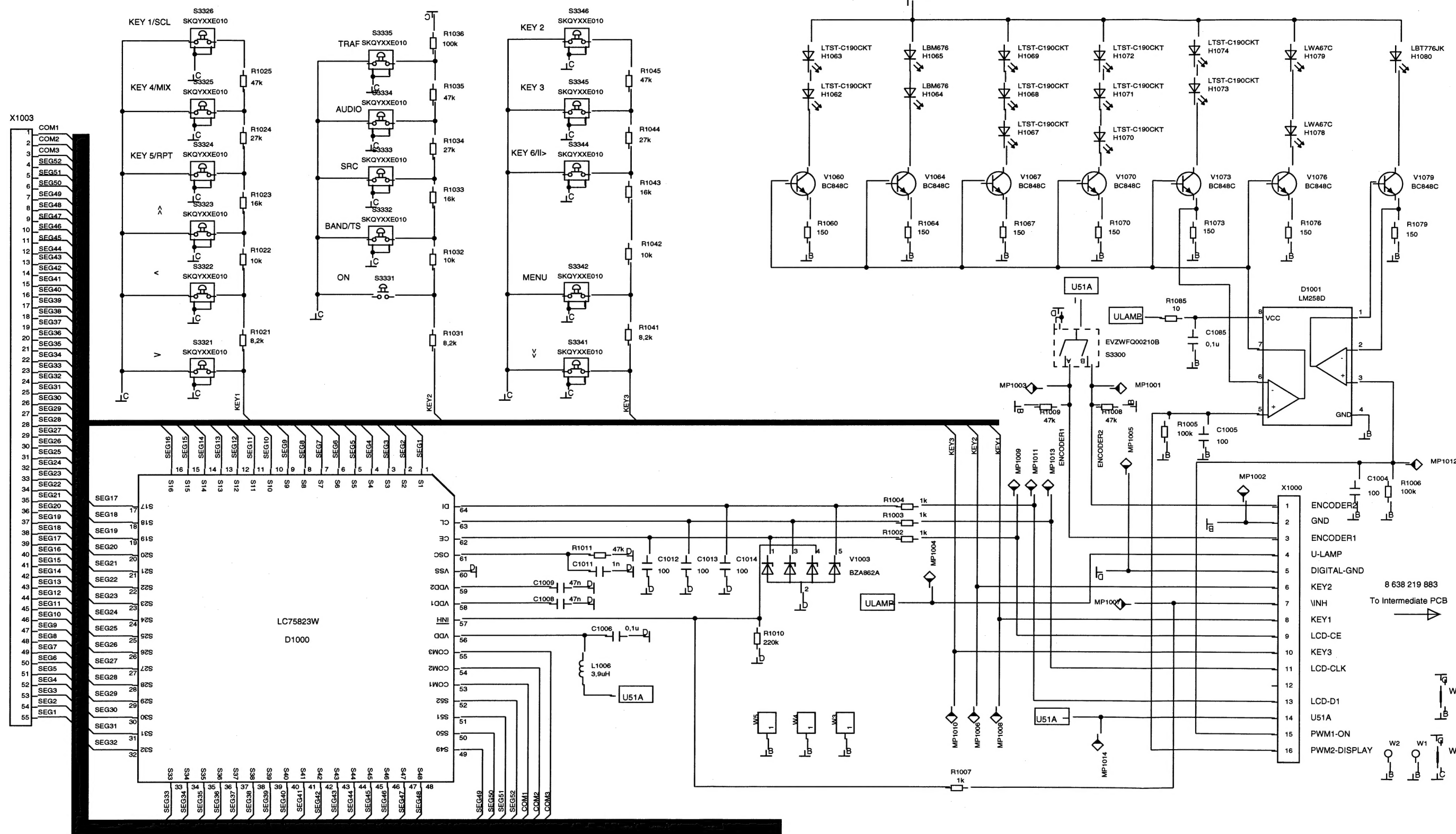
PL 9861 D01





Schalterplatte
Key board
PL 8 638 219 871 D01
+Chip





PK10	PK20	PK30	PK40	PK1U	PK2U	PK3U	PK4U	PK5U	PK6U
1	1	1	1	1	1	1	1	1	1

SCHALTERPLATTE
KEY BOARD

PL 9871 D01